TELIDON REPORTS

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TELIDON IS NAPLPS

In 1978, when the word "Telidon" was created from its Greek roots meaning "I see at a distance", it was to carry a new concept in computer communications: the ability to communicate image and text information. The advance of the alphageometric approach over the alphamosaic (all that was available at that time), was considered so important that a new name was created: TELIDON.

The Telidon alphageometric protocol, the first attempt to set a videotex standard, has since evolved to more fully meet the needs for which it was created.

The first standard, known as the Picture Description Instructions (PDI) for the Telidon Videotex System or CRC Technical Note No. 699 (later referred to as the 699 standard), was published in November 1979 but had been presented to the International Telegraph and Telephone Consultative Committee (CCITT) in 1978 as a potential standard for videotex services. Canadians started demonstrating the capability of this standard by creating videotex services using the 699 Telidon protocol.

In May 1981, three years after the Canadian presentation to the CCITT, the American Telephone & Telegraph Co. published its document Videotex Standard: Presentation Level Protocol and in February 1982, the Department of Communications published its CRC Technical Note No. 709 (hence 709 standard), titled Telidon Videotex Presentation Level Protocol: Augmented Picture Description Instructions. Both documents were presented to a joint committee of the standards associations, the Canadian Standards Association (CSA) and the American National Standards Institute (ANSI), as a discussion paper for standardization. They became, with some minor modifications the document known as the Videotex/Teletext Presentation Level Protocol Syntax, North American PLPS (or CSA T500 and ANSI X3.110).

The word Telidon, which at the beginning was synonymous with the first 699 protocol, is now today synonymous with NAPLPS. Therefore one can say Telidon or NAPLPS but not Telidon vs NAPLPS.

UNIVERSITY OF GUELPH INTRODUCES NEW SYSTEM FOR EDUCATIONAL TELIDON

The University of Guelph will expand electronic teaching and testing this year with CASE-T, a new system for educational Telidon developed jointly with Tayson Information Technology Inc. of Toronto.

CASE-T operates on linked IBM PCs and enables instructors to design their own teaching materials and programs without learning a computer programming language. Students will use a network of IBM PC or PC Jr. workstations to log on to the system. CASE-T can also accommodate remote users of any microcomputer with Telidon capacity.

The system is a breakthrough in the use of off-the-shelf components and the ease with which instructors can design their own on-line instructional or information systems.

The university will continue to use Grassroots as a teaching aid and switch courses over the CASE-T through the year as the new system is debugged.

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NOVATEX CLOSES DATA BASE

Novatex, Teleglobe Canada's commercial videotex trial service, was shut down on July 13.

The $4-million experiment had been extended beyond its original three-year trial period, but lack of response to marketing efforts led to the decision to close the data base.

Novatex linked 24 Canadian embassies in a network offering tourist, agricultural, fishing and trade information. Another service supplied charts for up to 5,000 stocks listed on six different exchanges and provided graphs of a stock's prior performance for periods of 100 days, weeks or months up to the close of the previous day's trading.

Novatex offered a variety of other services including news wires and four live commodity wires. The closing ended plans for a pharmaceuticals data service and an options market service.

Teleglobe is still evaluating the videotex experiment and has not decided yet what will be done with Novatex hardware and programs.

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AGENTEL, AUSTRALIA'S FIRST COMMERCIAL NAPLPS VIDEOTEX SERVICE

A network of rural stock and station agents in New South Wales, Queensland and Victoria have launched Australia's first commercial NAPLPS videotex service.

The new system, Agentel, will furnish the 54 agents -- brokers for real estate, equipment, crops and livestock in rural Australia -- with a "quasi-Grassroots type system," says Tom Ward of Infomart, Canadian supplier of the technology for the new service.

Infomart says the members of the National Independent Agents' Association are pleased with the new system so far. Infomart hopes to use the success of this specialist data base designed for the closed user group of station and stock agents to help in the marketing of Grassroots in Australia.

Infomart's agent in the Australian launch was the computer services division of Mayne Nickless Limited.

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ITSS SOFTWARE TO GET PUBLIC TEST IN JAPAN

Infomart's ITSS software will be the basis of a public trial of NAPLPS videotex by Mitsui Knowledge Industries (MKI). Starting November 1, MKI will offer a Teleguide-like service through five public terminals located in a Tokyo shopping area.

MKI acquired the ITSS software through Infomart's agent in Japan, Mitsui and Company. Mitsui has sold two other copies of the software to Japanese buyers; these corporations will use it for private in-house services. A company spokesman said MKI is developing other commercial uses of the system.

For further information, contact:
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Toronto, Ontario
M5J 2J2
(416) 865-0330

NEW SYSTEM LINKS VIDEOTEX AND VIDEODISC

The high-quality sound and images of laser-readable videodiscs have been combined with the text and graphics capabilities of videotex in a new system by Media Videotex of Vancouver.

Established in September 1983, Media Videotex has traded on the Vancouver Stock Exchange since last April. Its president and principal founder, David Roberts, was formerly involved in developing software in Britain and Europe. The company specializes in electronic publishing and media node technology -- driving four screens simultaneously from a single microcomputer.

The new system will be on display in November at a test site in the Vancouver Arts and Technology Centre.

The software, which is UNIX-based and written in "C", enables users to mix videotex and video information -- including full motion video and still photos -- on a single laser disc.

The combination of the two technologies allows an enormous amount of visual and verbal information to be stored and accessed at very low cost to the user. One disc can store 54,000 frames or stills. The system has a wide range of applications including real estate, medicine and hospitality services.

Media Videotex is offering a number of implementations of the technology including Medianode-8, which uses an extended IBM PC to operate eight individual terminals simultaneously and independently. A large number of users, up to 80, can be supported by multiple Medianode-8s in a network called Medianet.

Regional marketing manager Robert Tuss said that, at $60,000 for the eight-terminal configuration, the system is "one third the cost of a mainframe computer with the same display capability."

For further information, contact:
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Media Videotex
1176 West Georgia Street, Suite 400
Vancouver, British Columbia
V6E 4A2
(604) 669-4011

PDI MARKETS UNITASC

Picture Data Incorporated (PDI) of Toronto will launch its new UNITASC system software for business users in October.

UNITASC, or Universal Transaction Software in "C", is a transaction-oriented approach to videotex designed for uses in education, banking and retail trade.

The system is protocol-independent, can operate on any UNIX-based system and is compatible with a full range of terminals.

PDI's Pat Nicholls said the company has basically "taken University of Waterloo Telidon and commercialized it."

In one current use by Xerox Canada, in-store PCs double as terminals for the UNITASC system and as full local processors. Mutual of Omaha is using the system to set up a computerized sales network in its travel outlets across Canada. Other users are the University of Waterloo and Loyalist College in Belleville.

Nicholls said that "one of our features is very cost effective installation."

For further information, contact:
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Picture Data Inc.
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M5C 1J3
(416) 862-8942

WINE SELECTION SERVICE GETS LIQUOR STORE TRIAL

Home Management Systems' Electronic Gourmet service, which has been available to Grassroots and Compuserve users for some time, was demonstrated in a public trial over the summer.

Wine shoppers in the new Manitoba Liquor Control Commission store in Winnipeg's Unicity Mall were able to select wines that complement the food they planned to serve, or to receive advice on what type of food to serve with wines they were interested in.

Home Management Systems removed the Electronic Gourmet's recipe system section from the liquor store service after a month of operation and have added new inventory control features to the service.

The company has had inquiries about the system from liquor agencies in several areas and private companies in the United States.

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Home Management Systems
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MPR SPIN-OFF COMPANY MARKETS NEW NAPLPS TOOLS

Microtel Pacific Research (MPR) staff involved in videotex have moved en masse to a new spin-off company called New Media Technologies Ltd.

The new company has acquired the rights to Telidon-based technology developed at MPR and videotex-related products manufactured by its Viscount Industries subsidiary. These include the VTX 208; PIRT terminals (the public information retrieval terminals used by Teleguide); and new NAPLPS software.

New Media is headed by former MPR president John Madden, who brought with him Roger Pryor, former manager of MPR's Telidon group, Douglas Horner, Lynda Harris and Daniel O'Leary, a member of the NAPLPS protocol committee and former senior member of MPR's technical staff.

The flagship of New Media's new product line is the NAPLPS Assembler/ Disassembler, a tool that was originally developed by MPR to debug their own products.

The Assembler/Disassembler is designed to work with information provider or artistically-oriented graphic creation systems. It displays in English the instructions contained in the NAPLPS code so they can be checked for accuracy or edited for details beyond the capabilities of artists using graphic creation systems.

The Assembler/Disassembler can display the state of the colour map for different terminals and customize the English so that the information is displayed on or transmitted to the type of terminal in use.

O'Leary said the software is designed for use by technical support people and presumes a thorough knowledge of NAPLPS at the coding level.

A small version for the IBM PC with DOS or the DEC LSI-11 with RT-11 sells for $650. A version for multi-user systems that can be used on DEC VAX with UNIX or VMS operating systems for the DEC PDP-11 with RSX operating system costs $1,300. Versions for other systems are being developed.

New Media is also marketing the source code of the NAPLPS tool in two forms, one simplified and the other with full documentation for users who want to extend it or add non-NAPLPS features.

The products are all supported by a hotline.

The new west-coast company is also developing NAPLPS software for OEMs.

President John Madden says the infant company, which started up on July 16, already has more than $750,000 worth of orders.

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(604) 291-7111

MTS VIDEOTEX DECODER SUCCESSFUL, VERSION II ON THE WAY

Manitoba Telephone System (MTS) will hit the market early in October with Version II of its successful Videotex Decoder Software for the Commodore 64.

MTS has sold several hundred copies of Version I of the software since April through its Phonestores across Manitoba and other dealers.

Version I gives Commodore 64 users access to all Canadian data bases and two free months of Grassroots are included in the $99.95 price of the diskette.

MTS designer Al Koverzin said the software is designed to degrade gracefully when it receives commands that the Commodore 64 is incapable of dealing with due to hardware limitations.

Follow-up with buyers of the software has resulted in several new features for Version II, including the capability for graphic printouts and the ability to access U.S. data bases such as Viewtron, Gateway and Keycom.

George Sorokowoski, of MTS marketing, sees a big demand for the decoder with an estimated three million Commodore 64 users. A distribution deal has been struck with Citation Software of Winnipeg and the decoder is also available through the University of Guelph and agricultural dealers in Saskatchewan, Alberta and Ontario.

The MTS software is being demonstrated by Infomart and the phone company is investigating sales to U.S. data base operators through its U.S. agent David Carlisle and Associates.

For a small handling fee owners of Version I will be able to turn in their diskettes for Version II when it comes on the market. Version II is expected to retail for about $100.

For further information, contact:
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(204) 941-7563

GRASSROOTS SPROUTS IN THE U.S.

Canada's successful Grassroots system has spread into the United States with the early August start-up of a new farm videotex service in Maryland, Delaware and Pennsylvania.

Grassroots America is a joint venture of three of the largest farm co-ops in the United States -- Agway; CENEX; and Southern States; and Videotex America, itself a joint venture of the Los Angeles Times-Mirror and Infomart. The three farm co-operatives, with a combined membership of 850,000, represent a huge potential market for the new service.

Grassroots America is based in Wilmington, Delaware, and so far offers 5,000 pages, compared to 40,000 in the Canadian system.

Infomart spokesman Leigh Sigurdson said the new system is "a major extension of Grassroots activity that will form the basis for a North America-wide system." The new videotex venture is planning expansion into the U.S. cornbelt for next year.

Videotex America will act as sales representative for Grassroots America and Grassroots California. The firm will represent both Grassroots systems to national advertisers of consumer goods and services.

Grassroots California will begin a content review program in November 1984, with 100 grower/rancher subscribers.

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EDUCATIONAL TELIDON UNDER STUDY BY IPATT

The Inter-Provincial Association for Telematics and Telidon (IPATT) will establish a prototype educational Telidon network within the next several months as part of a project to encourage the development and use of Telidon technology in Canada's schools.

The Department of Communications is providing $258,000 for the project, which will include a comprehensive report on the technical and economic viability of a videotex network linking Canadian educational institutions.

Work under the DOC contract has already begun. IPATT will also produce a quarterly publication listing Telidon/ NAPLPS software and hardware products

with educational applications and a catalogue of active Telidon educational projects. The first of the four publications will be distributed this fall.

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FBN HAS NAPLPS DECODER FOR IBM

FBN Software of Ottawa has developed two versions of new NAPLPS decoder software.

The company is currently negotiating marketing and distribution deals for the FBN NAPLPS Terminal Emulator, which allows users of IBM PCs, PC Jrs. and compatibles to log on and work with NAPLPS data bases.

FBN director Joe Rosa said the new software package, written in Forth, is superior to any other product on the market.

"Our software has been tested with all the Canadian services and all the American ones including Viewtron."

"There are no bugs. It's fast, compact, portable; it's written in high-level language -- it works. We support more boards than anyone else. The Terminal Emulator can give you graphics on the standard PC Jr. in 16 colours," said Rosa.

FBN is marketing the Terminal Emulator for $250.

Rosa said FBN is also offering the FBN NAPLPS Decoder, which just displays graphics, to other software manu-facturers for inclusion in their own packages. One buyer of the $200 package is Cableshare for the Picture Painter.

For further information, contact:
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FBN Software
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(613) 238-1761.

INFOVIEW TO PURCHASE SECOND GENESYS PACKAGE

A public access videotex system with 50 terminals operating since May in Oklahoma City in hotels, shopping centres, and the airport has been a success for Infoview.

This Oklahoma company -- formally called Infovision -- will announce this fall that it is expanding into another city in the southwestern United States.

Genesys Group of Ottawa, which sold Infoview its Oklahoma City system, will also be the supplier for the U.S. company's second system.

Genesys Group is also the developer of a system combining videotex and videodisc installed in the Future Pod of Toronto's Ontario Place.

Val Smith, of the Genesys Group said the system..."is the nicest application of the two technologies anywhere in North America. It really shows the flexibility of Genesys software."

The Ontario Place installation is a Micro 11 computer system with eight terminals, each with its own videodisc. Users can go from videotex to ASCII and receive printouts of whatever tourist information they choose from the staff as they leave.

Genesys Group has sold similar packages to External Affairs Canada for use at the New Orleans World Fair and to Parks Canada. Both systems combine ASCII, videotex and videodisc.

For further information, contact:
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The Genesys Group
1755 Courtwood Crescent, 3rd Floor
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(613) 226-8740

NORPAK GETS GRANT FOR TELETEXT DECODERS

Norpak Corp. of Kanata has been awarded
two federal grants totalling $357,000
to develop teletext decoders.

Most of the money will go to the
development of a new decoder module for
consumer use. Norpak has received
$270,000 to design a unit for tele-
vision manufacturers to integrate into
their sets.

Norpak has also received $87,000 to
help pay for continuing work on its
professional decoder unit to be used in
teletext transmission monitoring, in
high-performance graphics creation and
in public display terminals.

The Kanata company is currently working
on a $1-million DOC contract for the
continued development of encoding
systems for broadcasters.

For further information, contact:
Harry Dewar
Norpak Corporation
10 Hearst Way
Kanata, Ontario
K2L 2P4
(613) 592-4164

LIMICON MARKETS PRO-DRAW

The Pro-Draw graphics creation system,
which has been well-received by a
number of NAPLPS design firms, is now
available in two versions.

Limicon's marketing director Howard
Goodman says the Pro-Draw Professional
can now be run on the IBM PC and over a
dozen PC clones with external decoders.

"The Professional gives access to most
of the SRM. Users should use a full
SRM decoder, either an external one or
the Quickpel board." The Pro-Draw
Professional retails at $1,500 U.S.

Also available now is Pro-Draw, which,
like the Professional, runs on PCs and
over a dozen PC workalikes with the
FBN software decoder. The system
features include sub-SRM page creation,
rubber banding and pop-up memos and it
can be used with a graphics tablet or a
Microsoft Mouse.

Limicon is working with Participation
Systems Inc. of Winchester,
Massachusetts to convert the PSI
Conferencing System, currently
available on The Source, to a complete
NAPLPS service. The enhanced service,
designed for business and home users,
will feature a full graphics
conferencing capability including
electronic mail, remote slide
presentation and multi-conferencing.

For further information, contact:
Howard Goodman
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Toronto, Ontario
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(416) 481-7859

UNITED PLEASED WITH VUFORMATION, SHOFORMATION

Staff at United Audio-Visual Resources
of Ottawa are overwhelmed by the recent
success of the company's new
Vuformation and Shoformation systems,
reports director of videotex marketing
Peter Heney.

The Vuformation system has been
installed in the House of Commons in
Ottawa and in the new convention
centres in both Ottawa and Hull. The
Metro Toronto Convention Centre has now
joined the list of customers.

Vuformation is a microprocessor-based
standalone system featuring NAPLPS
graphics.

The company says the key to the system's attractiveness is the ease of changing and updating the information. Staff can simply type in the text and decide on its position in preformatted background graphics that can be retrieved and used again and again.

The House of Commons Vuformation system is a custom installation that allows MPs to tune their office TVs to one of three closed circuit channels for up-to-the-minute information on parliamentary schedules.

Shoformation, a system that United designed for Telecom Canada, provides a very portable standalone data base that can provide public access at one to 10 interactive terminals.

A significant advantage of the stand-alone data base approach for trade shows and exhibits is the system's ease of set-up and operation. Pages can be downloaded from 3-inch or 5¼-inch floppy diskettes in seconds. Once loaded, the pages can be retrieved about eight times faster than material stored on a remote host computer.

Heney said United's next big campaign will be the marketing of Artformation, a Formic software package operating on Apple micros.

For further information, contact:
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United Audio-Visual Resources
22 O'Meara Street
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(613) 729-4351

CATA HAS NAPLPS TEST PACKAGE

The Canadian Advanced Technology Association (CATA) has a test package for designers of new hardware and software for videotex and teletext systems.

The NAPLPS test package was developed by the Department of Communications and the Canadian videotex industry to provide a way to measure compliance with the ANSI-CSA NAPLPS videotex/teletext standard.

The package includes complete documentation and 267 slides to help designers determine whether their products conform to the NAPLPS standard reference model. The test package costs $2,300 per copy.

CATA has sold about a dozen of the test packages and can deliver orders within approximately one week.

For further information, contact:
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Canadian Advanced Technology
   Association
275 Slater Street, Suite 803
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(613) 236-6550

AVCOR SALES PUSH ON

Avcor Graphic Information Systems of Toronto is currently negotiating potential large sales of its Jordan Videotex Decoder for the Commodore 64.

Company spokesmen say they hope to clinch a deal soon with a large U.S. firm for the software decoder cartridge. The package, which includes graphic and text printing capabilities, sells for $99.95 U.S. Avcor says it is now ready to start shipping the new software.

Avcor is already riding high on the basis of its sale of a new videotex data base to the department of External Affairs. The data base consists of about 2,400 pages each in English, French and Spanish that External Affairs will use to promote Canadian products at international trade shows.

The new data base was used at the International Public Transit Expo in Washington, D.C. October 1 to 3, where it supplied visitors with information on about 150 Canadian public transportation industry suppliers.

Interested buyers can browse electronically and receive printouts on any products or suppliers who catch their attention. At the same time, the potential buyer's name will be entered into the system and passed on to the Canadian supplier for sales followup.

Other interactive data bases for the External Affairs system will be used to sell auto parts, health care products and other Canadian services and products.

For further information, contact:
Zal Press
Avcor Graphic Information Systems
512 King Street East
Toronto, Ontario
M5A 1M1
(416) 864-9240

VIDEOPRO BRINGS NAPLPS TO UNIX SYSTEMS

New decoder software available from Sandford Computer Systems of Toronto at the beginning of October will transform UNIX microcomputer systems into fully interactive videotex terminals.

Sandford president Elodie Sandford says her company's VIDEOPRO package is the only software decoder of its kind.

VIDEOPRO, which will retail for $149 U.S., allows UNIX system users to access all U.S. and Canadian data bases. The software can be easily configured to any UNIX system on any micro for any colour card. VIDEOPRO is not device-dependent, so it can be used with any colour resolution screen. The company believes that VIDEOPRO is ideal for advertising agencies to use in developing audiovisual presentations.

Sandford said that page creation graphics editing software will be introduced for the VIDEOPRO next year.

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Sandford Computer Systems Inc.
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(416) 962-3828

MEP WANTS U.S. TO PICK UP TABS

Meteorological and Environmental Planning (MEP) of Toronto is hoping to strike a deal to expand its videotex weather service for pilots into the United States.

U.S. aviation authorities are watching the trials of Telidon Aviation Briefing Service, or TABS, at 24 Ontario airports.

MEP developed the system and will operate it for two years under a federal government contract worth $968,000. TABS provides pilots with continually updated weather information necessary to plan flights.

Pilots can access the data base through a sequence of menus or by typing in keywords based on international flying acronyms and expressions. The weather maps and information are considerably more detailed than weather information on Grassroots, and the service features "pull-down" legends for the maps similar to the pull-down menus built into Apple's Macintosh.

TABS operates on two VAX 750s that can support up to 30 simultaneous users, who access the data base through Datapac or Telenet. The airport terminals are made by Electrohome.

MEP is looking to private pilots with personal computers equipped with NAPLPS decoders as the future bread and butter

of the service. TABS supports a variety of terminals, including IBM PCs and the Commodore 64.

The system includes 200 frames of infrequently changed information, but for most requests, the system assembles the latest weather information stored as raw ASCII data and presents it as maps in NAPLPS format.

TABS will be expanded to include self-teaching programs for student pilots, aviation classified ads and a messaging system in the near future. The system is spreading across Canada from the initial group of 24 southern Ontario airports.

MEP operates similar services for shipping and oil drilling businesses.

For further information, contact:
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Meteorological and Environmental
  Planning Co.
7050 Woodbine Avenue, Suite 100
Markham, Ontario
L3R 4G8
(416) 477-0870

CTV ELECTION NIGHT TELIDON

Canadians who watched CTV's election night coverage saw a vivid demonstration of Telidon graphics as the network tied its Canada AM graphics system into its election night network.

The IBM PC that runs the news operation's video graphics generator was linked to the election computer. The graphics system asked for raw vote data, interpreted them and displayed them in formats laid out in advance on the Telidon system.

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CTV Television Network Limited
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Toronto, Ontario
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TELIDON BRIEFS

McConnell New Infomart President
Former Montreal Gazette Publisher Robert McConnell is the new president and CEO of Infomart.

McConnell, 41, joined the Southam organization as a reporter for the Vancouver Province in 1965. He was named publisher of the Gazette in 1979 and became Southam's vice-president of product development in 1983.

A company spokesman said Infomart is now "in a planning cycle" but no major corporate moves are expected in the near future.

Rogers Asks Permission for Telidon Service
Rogers Cablesystems of Toronto has asked the CRTC to let it distribute Genesis Story Time, a children's story service in Telidon format. Story Time, an open channel service, was developed by Genesis in Winnipeg, and is now distributed by satellite to cable operators in the United States.

Vancouver Centre Receives Telidon Grant
Vancouver's Arts, Science and Technology Centre (ASTC) will operate a pilot project to bring educational Telidon to the city's primary schools.

A $29,667 grant from the Department of Communications' Special Program of Cultural Initiatives, will allow the centre to create new Telidon pages based on British Columbia's science, technology and arts curriculum and current ASTC exhibits.

The centre will provide inexpensive decoders to participating schools. Visitors to the ASTC will also be able to use the new system, which will include a 500-page art reference bank.

DOC has also contributed $27,287 to fund a system that will give visitors to the ASTC access to 50,000 videodisc images.

The centre's Vancouver Videodisc is an interactive videodisc library, with historical images from the city's past grouped into 10-minute sequences according to areas of interest.

Terminals Multiply

Public videotex is growing faster around the world. In 1982-83, the number of terminals grew by 40 per cent; in 1983-84 the growth rate in terms of the number of terminals climbed to 120 per cent.

Gateway Ads Top $1 Million

When Gateway launches its new Los Angeles videotex service this fall it projects it will have more than $1 million in advertising sales.

Major advertisers include American Express, Citibank, American Airlines and Ticketron.

Gateways's first 2,000 Orange County customers will pay $29.95 U.S. a month to rent a terminal and access news, shopping and home banking among other services.

NAPLPS Cable Teletext Launched in Chicago

View and Go, a joint venture by three Chicago firms, will supply a NAPLPS-based information channel for area cable companies.

The new service is operated by Infotext, Lee Communication and the Central Transportation Bureau. It will offer entertainment, recreation, culture, sports and traffic news, as well as specialty weather forecasts for fliers, boaters and skiers.

View and Go will link a microprocessor host to a downtown microwave installation by fibre optics. Data will be fed through an Electrohome NAPLPS terminal and on to cable company headends.

View and Go operators will try to add a touch of interactivity to the teletext system through the use of contests and phone-in programs.

Marketfax Expands to Europe and New York

Canada's Marketfax will open a New York office this fall to build on its recent success in selling its Telidon-NAPLPS stock information service in Europe.

The company has already signed six major clients in Europe, including the Densk and Handel banks, since establishing Marketfax (Europe) in Geneva earlier this year.

Marketfax's European customers will receive the service on IBM PCs with Microstar NAPLPS decoder software.

The company hopes to sell its service to 100 new clients by the end of 1984. It currently feeds about 60 users with opening and closing prices for stocks on the three Canadian and two New York exchanges.

Built-in software tools allow users to create graphics displaying averages, trends or to select top performers and follow their own stocks.

VIDEOTEX CANADA MEETING SET FOR MARCH

A meeting of the Canadian videotex industry, sponsored by the Department of Communications, will be held March 4-6, 1985 in the Metro Toronto Convention Centre, Toronto, Ontario.

For information on the meeting, entitled, Videotex Canada: Understanding the Canadian Marketplace, contact:

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